

FORM PTO-1390
(REV. 12-2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

450108-03398

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5)

10/089389INTERNATIONAL APPLICATION NO.
PCT/JP01/06593INTERNATIONAL FILING DATE
31 July 2001PRIORITY APPLN. NO.
P2000-238894
PRIORITY DATE CLAIMED
2 August 2000**TITLE OF INVENTION DIGITAL-SIGNAL PROCESSING METHOD AND LEARNING METHOD AND
APPARATUSES THEREFOR, AND PROGRAM STORAGE MEDIUM****APPLICANT(S) FOR DO/EO/US Tetsujiro KONDO, Tsutomu WATANABE, Hiroto KIMURA**

Applicants herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. ☐ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: PCT/ISA/210, 15 sheets of drawings, 1 page Abstract, Refs. For IDS

EXPRESS MAILMailing Label Number: **EV073698543US**Date of Deposit: **March 29, 2002**

I hereby certify that this paper or fee is being deposited with the United States Postal Service

"Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents and Trademarks, Box PCT Washington, DC 20231.

Edward Nay
(Typed or printed name of person mailing paper or fee)*Edward Nay*
(Signature of person mailing paper or fee)

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.50) <div style="font-size: 2em; font-weight: bold; margin-top: 5px;">10/089389</div>	INTERNATIONAL APPLICATION NO. PCT/JP01/06593	ATTORNEY'S DOCKET NO. 450108-03398
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21. <input checked="" type="checkbox"/> The following fees are submitted	CALCULATIONS PTO USE ONLY																																																			
BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1040.00 International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$740.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$710.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">ENTER APPROPRIATE BASIC FEE AMOUNT =</td> <td style="width: 50%; text-align: right;">\$ 890.00</td> </tr> <tr> <td>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td style="text-align: right;">\$</td> </tr> <tr> <td> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;">\$</th> </tr> <tr> <td>Total Claims</td> <td style="text-align: center;">24 - 20 =</td> <td style="text-align: center;">4</td> <td>x \$18.00</td> <td style="text-align: right;">\$ 72.00</td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">12 - 3 =</td> <td style="text-align: center;">9</td> <td>x \$84.00</td> <td style="text-align: right;">\$ 756.00</td> </tr> </table> </td> <td style="text-align: right;">\$</td> </tr> <tr> <td>MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="text-align: right;">+ \$280.00</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td style="text-align: right;">\$1,718.00</td> </tr> <tr> <td><input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27. The fees indicated above are reduced by 1/2.</td> <td style="text-align: right;">+</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="2" style="text-align: right;">SUBTOTAL =</td> <td style="text-align: right;">\$1,718.00</td> </tr> <tr> <td>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td style="text-align: right;">\$</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL NATIONAL FEE =</td> <td style="text-align: right;">\$1,718.00</td> </tr> <tr> <td>Fee for recording the enclosed assignments (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> <td style="text-align: right;">+</td> <td style="text-align: right;">\$ 40.00</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL FEES ENCLOSED =</td> <td style="text-align: right;">\$1,758.00</td> </tr> <tr> <td></td> <td style="text-align: right;">Amount to be refunded:</td> <td style="text-align: right;">\$</td> </tr> <tr> <td></td> <td style="text-align: right;">charged:</td> <td style="text-align: right;">\$</td> </tr> </table>	ENTER APPROPRIATE BASIC FEE AMOUNT =	\$ 890.00	Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;">\$</th> </tr> <tr> <td>Total Claims</td> <td style="text-align: center;">24 - 20 =</td> <td style="text-align: center;">4</td> <td>x \$18.00</td> <td style="text-align: right;">\$ 72.00</td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">12 - 3 =</td> <td style="text-align: center;">9</td> <td>x \$84.00</td> <td style="text-align: right;">\$ 756.00</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total Claims	24 - 20 =	4	x \$18.00	\$ 72.00	Independent Claims	12 - 3 =	9	x \$84.00	\$ 756.00	\$	MULTIPLE DEPENDENT CLAIM(S) (if applicable)	+ \$280.00	\$	TOTAL OF ABOVE CALCULATIONS =		\$1,718.00	<input type="checkbox"/> Applicant claims small entity status. 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a. <input checked="" type="checkbox"/> Checks in the amount of \$1,718.00 and \$40.00 to cover the above fees are enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0320 . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																																				
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.																																																				
SEND ALL CORRESPONDENCE TO:																																																				
William S. Frommer, Esq. Frommer Lawrence & Haug LLP 745 Fifth Avenue New York, New York 10151	<div style="text-align: center;"> SIGNATURE </div> <div style="text-align: center;"> William S. Frommer NAME </div> <div style="text-align: center;"> 25,506 REGISTRATION NUMBER </div>																																																			
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